

# Chesapeake case study



High performance cooling at half the cost, Clean Air lead the way...



Air Conditioning  
**Evaporative Cooling**  
 Heating  
 Ventilation  
 Maintenance



Chesapeake is an international supplier of innovative cartons and plastic packaging, labels and leaflets. The machining area for plastic bottling was becoming uncomfortably heated and Chesapeake wanted an alternative to the solution that had been proposed - a ventilation only system quoted at around £100K.

After seeing Clean Air's website, our design engineers were invited to quote on a solution which involved evaporative cooling. The answer came in the form of seven Cool Breeze QAD230 units installed throughout the centre of the factory forming an individually controlled cooling zone over the operational area.

The results are impressive. Cool fresh air is continually circulated and polluted heated air is expelled. Just one QAD 230 unit can lower the internal temperature of 360m2 by up to 16 degrees C and so it came as no surprise

that Chesapeake report that the effective reach of the cooling has surpassed all expectations.

Furthermore, despite a challenging installation where the landlord would not allow penetration of the recently re-clad roof, the complete solution has been delivered at around half the cost of an alternative 'ventilation only' quote from the competition.

Chesapeake have now asked Clean Air to look at their office cooling.



## CLEAN AIR GROUP

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